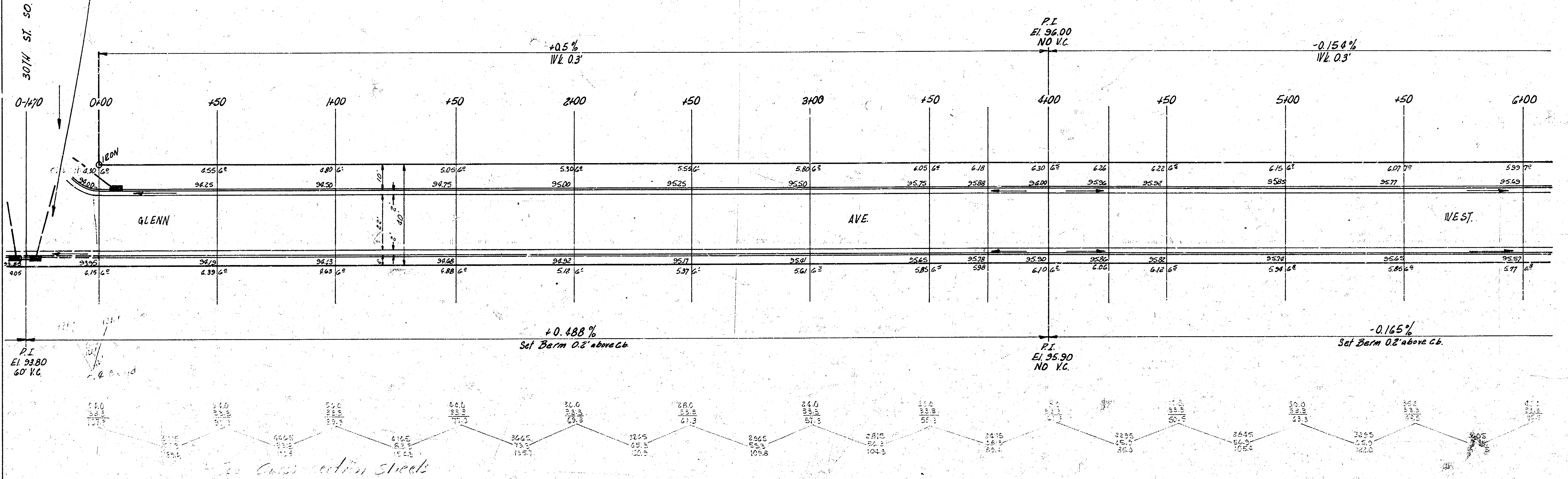
B.M. 95.647 Std. 2º W. N.E. cor. Iron Glenn & 31st St. So.
B.M. 98.044 Std. 6º E. & 2º S. of S.W. cor. Glenn & ~~31st~~ 27th St. So.

Re- X-Sect ing
Prop
4???.? cu yds
City
2?8.6 cu yds

PROP. EXCAV.
1522.5 Cu.Yd.

NOTE:
C.B.'s to be installed in connection with Incidental Drainage on Glenn Ave. West, Proj. No. C15-44.


30TH ST. SO.
+0.5%
W.L. 0.3'
P.I.
El. 96.00
NO V.C.
-0.154%
W.L. 0.3'
0-470
0+00
+50
1+00
+50
2+00
+50
3+00
+50
4+00
+50
5+00
+50
6+00
IRON
4.30 6º
4.55 6º
4.80 6º
5.05 6º
5.30 6º
5.55 6º
5.80 6³
6.05 6⁴
6.18
6.30 6⁵
6.26
6.22 6⁵
6.15 6⁷
6.07 7º
5.99 7º
94.00
94.25
94.50
94.75
95.00
95.25
95.50
95.75
95.88
96.00
95.96
95.92
95.85
95.77
95.69
GLENN
AVE.
WEST.
10'
22'
2'
40'
93.85
4.05
93.95
4.15 6º
94.19
4.39 6º
94.43
4.63 6º
94.68
4.88 6º
94.92
5.12 6º
95.17
5.37 6º
95.41
5.61 6³
95.65
5.85 6⁵
95.78
5.98
95.90
6.10 6²
95.86
6.06
95.82
6.12 6⁵
95.74
5.94 6⁸
95.65
5.85 6⁹
95.57
5.77 6⁸
+0.488%
Set Berm 0.2' above C.b.
-0.165%
Set Berm 0.2' above C.b.
P.I.
El. 93.80
60' V.C.
P.I.
El. 95.90
NO V.C.

See Cross-section Sheets for new Excav. figures

NOTE TO FIELD ENGINEER—
RE-X-SECTION JOB AT TIME OF STAKING.

B.E. SMITH
LICENSED
436
KANSAS
PROFESSIONAL ENGINEER

TOTAL EXCAV.

PROP	CITY
3?42.0	20?.?
40% 1?4.4	+10% 2?.?
4800.4 Cu.Yd.	228.0 Cu.Yd.

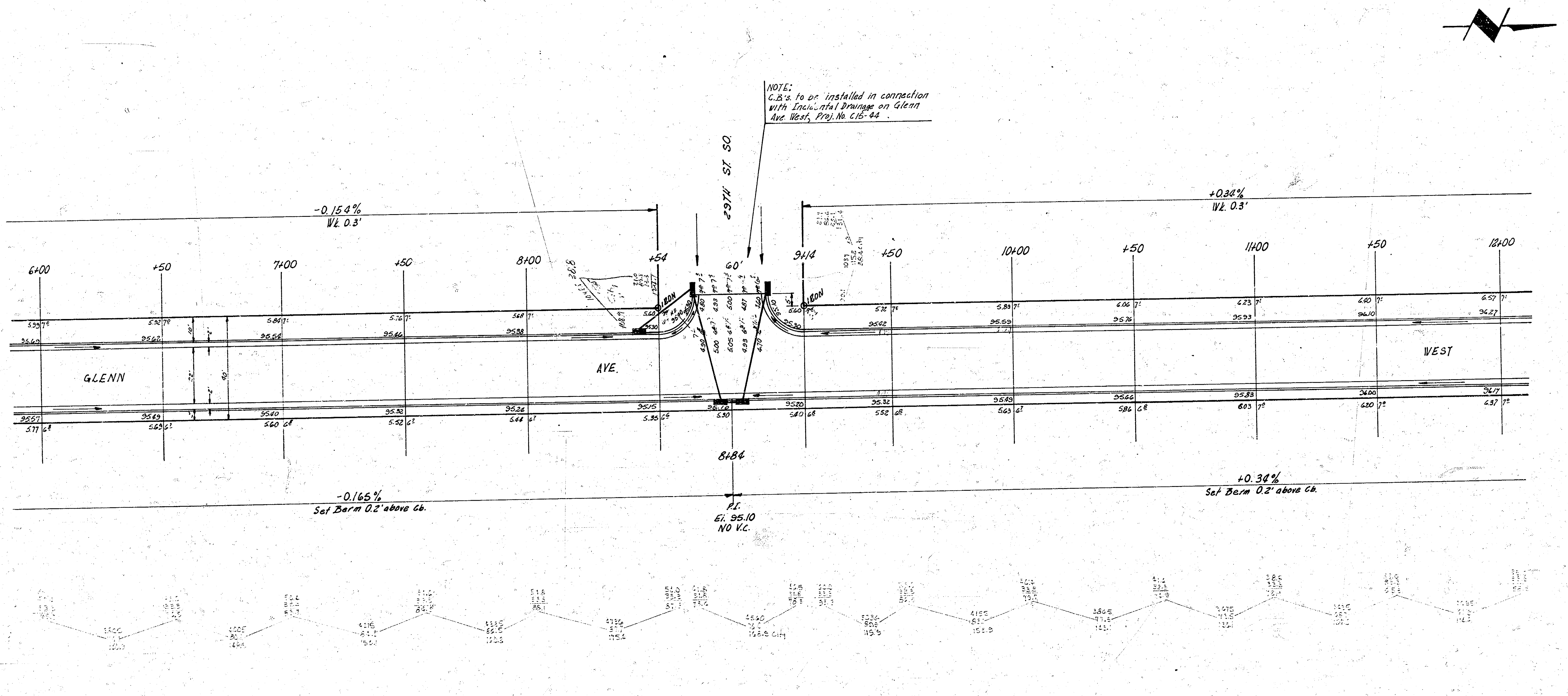
1/3

GLENN AVE. WEST
N.L. 30TH ST. SO. - S.L. 27TH ST. SO.
22'-2'-26' A.C.
CITY OF WICHITA, KANS.
B.E. SMITH CITY ENGINEER
JULY 1955 PROJ. NO. C15-44

EXCAV.

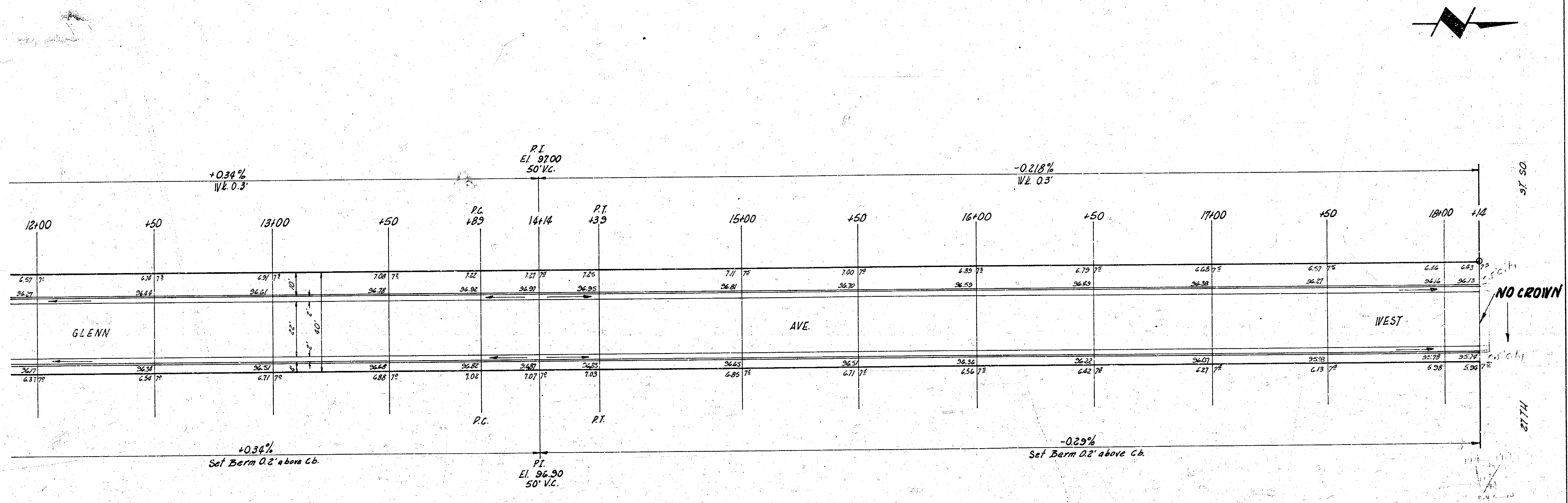
PROP. 1575.7 Cu.Yd

CITY 207.3 Cu.Yd


NOTE:
C.B's. to be installed in connection with Incidental Drainage on Glenn Ave. West, Proj. No. C15-44.
29TH ST. SO.
60'
-0.154%
Wk. 0.3'
+0.34%
Wk. 0.3'
6+00
+50
7+00
+50
8+00
+54
9+14
+50
10+00
+50
11+00
+50
12+00
GLENN
AVE.
WEST
IRON
IRON
10'
22'
40'
2'
5'
5.99 7⁰
5.92 7⁰
5.84 7¹
5.76 7¹
5.68 7¹
5.60
5.60
5.72 7⁸
5.89 7¹
6.06 7¹
6.23 7¹
6.40 7¹
6.57 7¹
95.69
95.62
95.54
95.46
95.38
95.30
95.30
95.42
95.59
95.76
95.93
96.10
96.27
95.57
95.49
95.40
95.32
95.24
95.15
95.10
95.20
95.32
95.49
95.66
95.83
96.00
96.17
5.77 6⁸
5.69 6⁹
5.60 6⁸
5.52 6⁹
5.44 6⁷
5.35 6⁶
5.30
5.40 6⁸
5.52 6⁸
5.63 6⁷
5.86 6⁸
6.03 7⁰
6.20 7⁰
6.37 7⁰
4.80
4.93
5.00
4.87
3.60
4.90
5.00
5.05
4.93
4.70
8+84
P.I.
El. 95.10
NO V.C.
-0.165%
Set Berm 0.2' above Cb.
+0.34%
Set Berm 0.2' above Cb.
City

GLENN AVE. WEST
PROJ. NO. C15-44

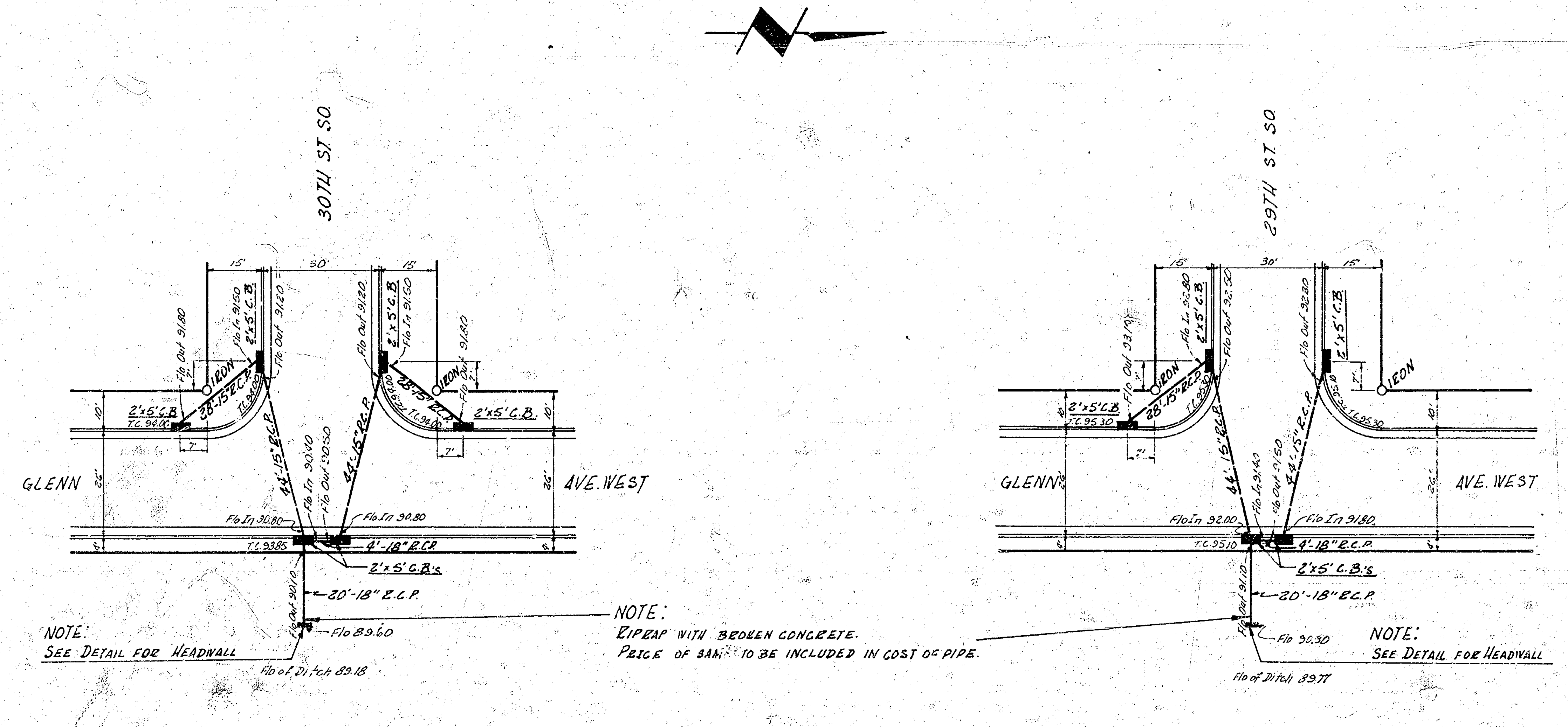
2/3


+0.34%
W.L. 0.3'
P.I.
El. 97.00
50' V.C.
-0.218%
W.L. 0.3'
12+00
+50
13+00
+50
P.C.
+89
14+14
P.T.
+39
15+00
+50
16+00
+50
17+00
+50
18+00
+14
6.57 7¹
6.74 7³
6.91 7³
7.08 7²
7.22
7.27 7³
7.25
7.11 7⁵
7.00 7⁴
6.89 7³
6.79 7⁵
6.68 7⁵
6.57 7⁵
6.46
6.43 7⁵
96.27
96.44
96.61
96.78
96.92
96.97
96.95
96.81
96.70
96.59
96.49
96.38
96.27
96.16
96.13
10'
2'
22'
40'
2'
4'
GLENN
AVE.
WEST
NO CROWN
96.17
96.34
96.51
96.68
96.82
96.87
96.83
96.65
96.51
96.36
96.22
96.07
95.93
95.78
95.74
6.37 7⁰
6.54 7⁰
6.71 7⁰
6.88 7⁰
7.02
7.07 7⁰
7.03
6.85 7⁵
6.71 7⁴
6.56 7⁵
6.42 7⁴
6.27 7⁴
6.13 7⁴
5.98
5.94 7⁵
P.C.
P.T.
+0.34%
Set Berm 0.2' above C.b.
P.I.
El. 96.90
50' V.C.
-0.29%
Set Berm 0.2' above C.b.
ST. SO.
27TH

3/3

GLENN AVE. WEST
PROJ. NO. C15-44

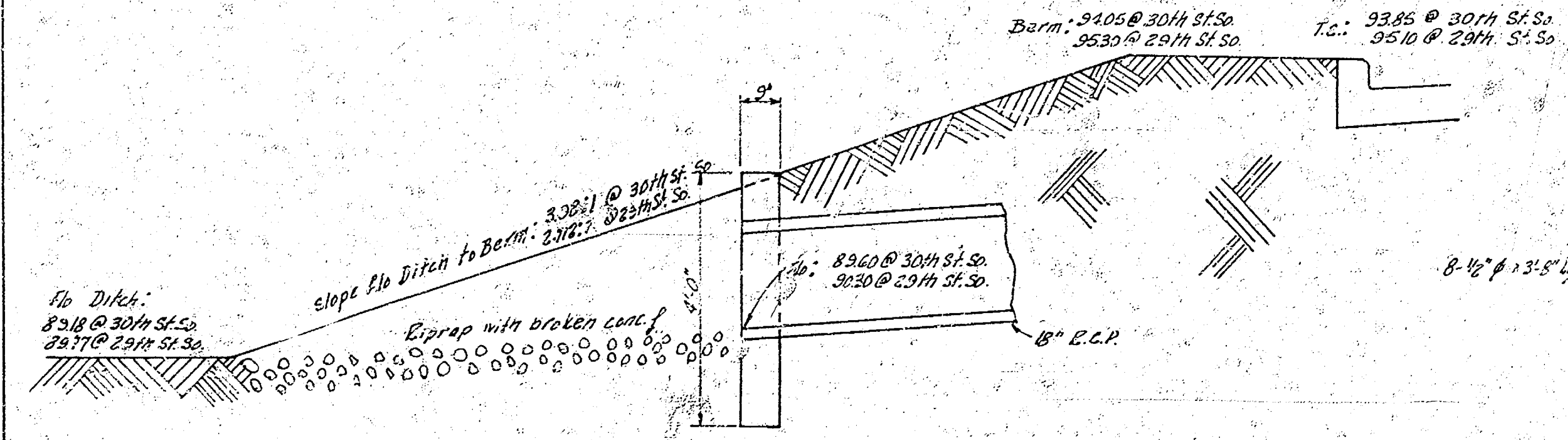
B.M. 95.647 Std. 2º W. N.E. cor. Iron Glenn & 31st St. So.
B.M. 98.044 Std. 6º E. & 2º S. of S.W. cor. Glenn & 31st St. So.


30TH ST. SO.
15'
30'
15'
Flo Out 91.80
IRON
Flo In 91.50
2'x5' C.B.
Flo Out 91.20
28'-15" R.C.P.
2'x5' C.B.
T.C. 94.00
7'
10'
44'-15" R.C.P.
Flo Out 91.20
2'x5' C.B.
Flo In 91.50
Flo Out 91.80
IRON
28'-15" R.C.P.
T.C. 94.00
2'x5' C.B.
7'
10'
GLENN
26'
AVE. WEST
Flo In 90.80
Flo In 90.80
Flo Out 90.50
Flo In 90.80
T.C. 93.85
4'-18" R.C.P.
4'
2'x5' C.B.'s
Flo Out 90.10
20'-18" R.C.P.
Flo 89.60
Flo of Ditch 89.18
29TH ST. SO.
15'
30'
15'
Flo Out 93.10
IRON
Flo In 92.80
2'x5' C.B.
Flo Out 92.50
28'-15" R.C.P.
2'x5' C.B.
T.C. 95.30
7'
Flo Out 92.30
2'x5' C.B.
IRON
44'-15" R.C.P.
T.C. 95.30
10'
GLENN
26'
AVE. WEST
Flo In 92.00
Flo In 91.40
Flo Out 91.50
Flo In 91.80
T.C. 95.10
4'-18" R.C.P.
4'
2'x5' C.B.'s
Flo Out 91.10
20'-18" R.C.P.
Flo 90.30
Flo of Ditch 89.77

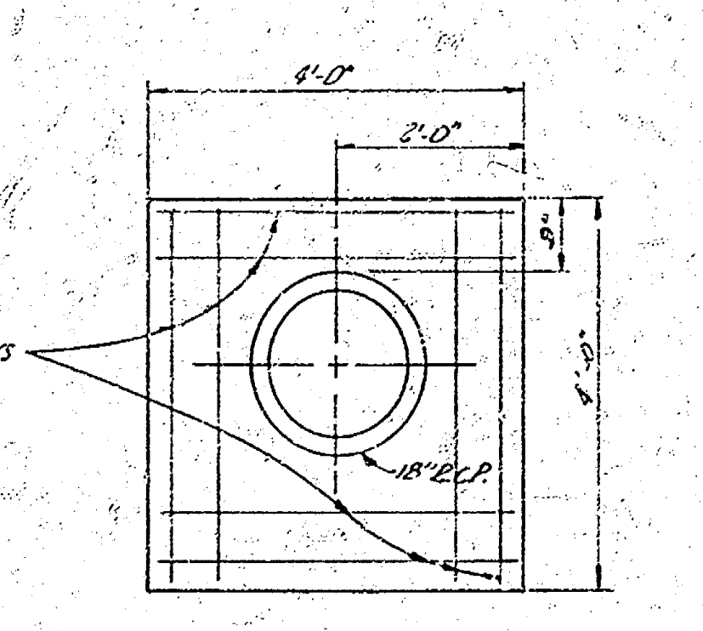
NOTE:
SEE DETAIL FOR HEADWALL

NOTE:
RIPRAP WITH BROKEN CONCRETE.
PRICE OF SAME TO BE INCLUDED IN COST OF PIPE.

NOTE:
SEE DETAIL FOR HEADWALL


Berm: 94.05 @ 30th St. So.
95.30 @ 29th St. So.
T.C.: 93.85 @ 30th St. So.
95.10 @ 29th St. So.
9"
Slope Flo Ditch to Berm: 3.98:1 @ 30th St. So.
2.918:1 @ 29th St. So.
Flo Ditch:
89.18 @ 30th St. So.
89.77 @ 29th St. So.
Riprap with broken conc.
4'-0"
Flo: 89.60 @ 30th St. So.
90.30 @ 29th St. So.
18" R.C.P.

SECTION THRU BANK AT HEADWALL
NOT TO SCALE


4'-0"
2'-0"
9"
4'-0"
8-½" ϕ x 3'-8" Long Bars
18" R.C.P.

ELEV. OF REINFORCED CONC. HEADWALL
NOT TO SCALE

INCIDENTAL DRAINAGE

IN CONNECTION WITH
GLENN AVE. WEST
N.L. 30TH ST. SO. - S.L. 27TH ST. SO.

CITY OF WICHITA, KANS.

B.E. SMITH CITY ENGINEER
PROJ. NO. C15-44

B. E. SMITH 435

JULY 1955

YOUNG BK Y-130
JEZ Y-135
JEZ